

PATENT

Atty. Dkt. No. WEAT/0023.C2

IN THE CLAIMS:

Please cancel claims 1-20 and amend the claims as follows:

1. – 20. (Cancelled)

21. (Previously Presented) A method of sealing an annular area in a wellbore, comprising:

providing a tubular member; and

deforming the tubular member in a manner whereby an outer surface of the tubular member assumes a shape of a non-uniform surrounding surface and forms a seal therebetween.

22. (Previously Presented) The method of claim 21, wherein a ductile material disposed on the outer surface of the tubular member forms the seal after deforming the tubular member.

23. (Previously Presented) The method of claim 21, wherein a ductile metal disposed on the outer surface of the tubular member forms the seal after deforming the tubular member.

24. (Previously Presented) The method of claim 21, wherein an elastomer disposed on the outer surface of the tubular member forms the seal after deforming the tubular member.

25. (Previously Presented) A method of forming a profile in a section of tubing within a wellbore, comprising:

providing an expander device having at least one radially extendable expander member;

positioning the expander device in the wellbore at a predetermined location in the section of tubing; and

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extending the member to deform the tubing at said location to create the profile in the internal face of the tubing.

26. (Previously Presented) The method of claim 25, wherein the profile is in the form of at least one annular recess.

27. (Previously Presented) The method of claim 25, wherein the tubing is deformed by rolling expansion, the expander member being rotated within the tubing with a face in rolling contact with an internal face of the tubing.

28. (Previously Presented) The method of claim 25, wherein the tubing is deformed by compressive plastic deformation, producing a localised reduction in wall thickness and a subsequent increase in tubing diameter.

29. (Previously Presented) The method of claim 25, wherein the tubing is deformed by compressive plastic deformation, producing flow of wall material to create the profile.

30. (Previously Presented) The method of claim 25, wherein the expander member is in the form of a roller.

31. (Previously Presented) The method of claim 25, wherein the expander member is extended by application of fluid pressure.

32. (Previously Presented) The method of claim 25, wherein a plurality of radially extendable expander members are provided.

33. (Previously Presented) The method of claim 25, wherein the expander is rotated to create the profile.